

**Work Order ID 60129**

Friday, June 25, 2010 9:36:20 AM



Page 1

Item ID: D205-541-141

Accept



Setup Start



Revision ID:

Item Name: Heli-Utility-Basket, LH

Stop



Start Date: 6/25/2010 Start Qty: 1.00



Cust Item ID:

Required Date: 6/25/2010 Req'd Qty: 1.00



Customer:

Reference: Return 2010 / RA110061 / NCR10-080

Approvals: Process Plan:

Date: \_\_\_\_\_

Tooling: \_\_\_\_\_

Date: \_\_\_\_\_

Run Start



QC: \_\_\_\_\_

Date: 10/25 SPC (Y/N):

Date: \_\_\_\_\_

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

Draw Nbr	Revision Nbr							
D205-541	J							
D4041	A							

100 QC5- Inspect part completeness to step on W/O 0.00



QC

Memo

0.00

Original B58110 @ CHG001.  
Touch ups required: see NCR10-080.  
Verify kit for completeness & identification

S 10/25/2010

110 Assemble as per dwg 0.00



HandFinish

Memo

0.00

Touch up &amp; clean the basket as necessary per QSI005.

ml 10 06 05 (1)

<b>DART</b>		TC APPROVAL # 09-89	
Dart Aerospace Ltd.		TEL: 1-613-632-5200	
1270 ABERDEEN ST. HAWKESBURY, ON, CANADA K6A 1K7			
P/N	D205-541-141	CHG	CHG001
DESC.	Heli-Utility-Basket	STC	SH96-120
LOT	B58110	STC	SR00696NY
MODEL	205/210/212/214/412	STC	
MADE IN CANADA			
D2729-1			

**Work Order ID 60129**

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Item ID: D205-541-141

Accept



Setup

Start



Revision ID:

Item Name: Heli-Utility-Basket, LH

Stop



Start Date: 6/25/2010 Start Qty: 1.00



Cust Item ID:

Required Date: 6/25/2010 Req'd Qty: 1.00



Customer:

Reference: Return 2010 / RA110061 / NCR10-080

Approvals: Process Plan:

Date: \_\_\_\_\_

Tooling:

Date: \_\_\_\_\_

Run

Start



QC: \_\_\_\_\_

Date: \_\_\_\_\_

SPC (Y/N):

Date: \_\_\_\_\_

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

120



QC

Quality Control

QC5- Inspect part completeness to step on W/O

0.00

S 10/06/25

0.00

Memo

Memo

Ensure basket &amp; kit is clean.

130



Packaging

Packaging

Pick Kit

0.00

0.00

New labels & decals required with the new batch # @ CHG001.  
Kit to be re-packaged & paperwork identified.

140



QC

Quality Control

QC4- 100% Inspect kits for completeness

0.00

0.00

Memo

**Work Order ID 60129**

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Friday, June 25, 2010 9:36:20 AM

Item ID: D205-541-141

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Setup Start



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Item Name: Heli-Utility-Basket, LH

Stop



Start Date: 6/25/2010 Start Qty: 1.00



Cust Item ID:

Required Date: 6/25/2010 Req'd Qty: 1.00



Customer:

Reference: Return 2010 / RA110061 / NCR10-080

Approvals: Process Plan: \_\_\_\_\_

Date: \_\_\_\_\_

Tooling: \_\_\_\_\_

Date: \_\_\_\_\_

Run Start



QC: \_\_\_\_\_

Date: \_\_\_\_\_

SPC (Y/N): \_\_\_\_\_

Date: \_\_\_\_\_

Stop

Sequence ID/  
Work Center IDOperation  
Description

150

Identify as per dwg & Stock Location: 510Set Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

0.00

0.00

W

Packaging

Packaging

Memo

102601  
23

160

QC21- Final Inspection - Work Order Release

0.00

QC

Memo

0.00

Quality Control

100-25W 10-06-25

**Work Order ID 58110**

April 26, 2010 1:20:18 PM



Page 1

Item ID: D205-541-141

Accept



Setup Start



Revision ID:

Item Name: Utility-Basket, LH



Stop



Start Date: 4/23/10

Start Qty: 1.00



Cust Item ID:

Required Date: 4/30/10

Req'd Qty: 1.00



Customer:

## Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run HoursDraw  
NumberDraw  
Rev.Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

Draw Nbr	Revision Nbr
D205-541	J
D4041	A

100 0.00



## DOCUMENT CONTROL

DC

Memo 0.00

Document Control

Photocopy bluefile &amp; type labels per PPPD205-541-141

CHG001

S 10/05/12

H for BG 10/04/26

130 0.00



Pick Kit

Memo 0.00

Packaging

ADD PARTS TO KIT:  
SEE ATTACHED PICKLIST  
PER ECN 10-550

Packaging

P 10/4/27 C

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action      Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

# Work Order ID 58110

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Page 2

Item ID: D205-541-141

Accept



Setup Start



Revision ID:

Stop



Item Name: Heli-Utility-Basket, LH

Start Date: 4/23/10 Start Qty: 1.00



Cust Item ID:

Required Date: 4/30/10 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_

Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start



QC: \_\_\_\_\_ Date: \_\_\_\_\_

SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop



Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Draw  
Number

Draw  
Rev.

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

140



QC4- 100% Inspect kits for completeness

0.00

S 10 105 102

P10 →

QC

Quality Control

150



Packaging

0.00

PART

Prod/100

Packaging

Memo

0.00

RE-PACKAGE PER PPP  
USING NEW B/N

160



QC21- Final Inspection - Work Order Release

0.00

QC

Quality Control

Memo

0.00

10/05/2010

u 10.05.00

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Dart Aerospace Ltd

W/O: 58110		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
10/05/12	#100	Part missing ADD to kit D4051-040 B & <u>56389</u> QTY +1 per kit ( was part of original kit)					S 10/05/12
		Update w/o + Bum. ADD copy of new <del>copy</del> update Bum		10.05.21			S 10/05/12

Part No: D205-541-141 PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

## Picklist Print

• April 26, 2010 1:19:48 PM

Work Order ID: 58110

Parent Item: D205-541-141

Parent Item Name: Heli-Utility-Basket, LH

Comments: IPP RevA: new issue DD 10.02.11 verified by:JLM  
per ecn10-550 DD verified by:EC

IPP Rev:B as



Page 1

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Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D205-541-141		Manufactured	No				Each	1.0000	1.0000			

Heli-Utility-Basket, LH

DSI 9302-011

Strut Modification

D2022-101

Spacer

### Warehouse

#### Location

Quarantine

quar

56405

### Loc Qty

### Loc Code

1

1

1.0000 1.0000



56405

56276

Manufactured No

### Warehouse

#### Location

Main Warehouse

MEZZ

23377

### Loc Qty

### Loc Code

1

1

269.0000 2.0000



Manufactured No

### Warehouse

#### Location

Main Warehouse

ST504

45885

50746

52325

### Loc Qty

### Loc Code

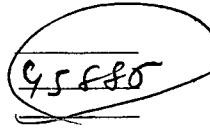
269

69

100

100

45885



4/10/10

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

## Picklist Print

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Work Order ID: 58110

Parent Item: D205-541-14



Parent Item Name: Heli-Utility-Basket, LH



Comments: IPP RevA: new issue DD 10.02.11 verified by:JLM  
per ecn10-550 DD. verified by:EC

Part QTY IPP Rev:B as

Start Date: 4/23/10

Required Date: 4/30/10

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D2332-041		Manufactured	No			130	Each	7.0000	1.0000	55341		

Lid Prop Assembly 6.69" long

D2464



3/4 Seal

(D2464-0410) cut (1) at 41.00"

D3953-9



Gas Spring Washer

MISSING

### Warehouse

#### Location

Main Warehouse

ST512 7

57344 7

D2464	Manufactured	No	130	f	393.7500	3.4166
-------	--------------	----	-----	---	----------	--------

### Warehouse

#### Location

Main Warehouse

ST402 393.75

48173 393.75

D3953-9	Manufactured	No	130	Each	34.0000	2.0000
---------	--------------	----	-----	------	---------	--------

### Warehouse

#### Location

Main Warehouse

ST101 34

53642 34

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

# Picklist Print

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Work Order ID: 58110

Parent Item: D205-541-141



Parent Item Name: Heli-Utility-Basket, LH



Comments: IPP RevA: new issue DID 10.02.11 verified by:JLM  
per ecn10-550 DD verified by:EC

IPP Rev:B as

Start Date: 4/23/10 Required Date: 4/30/10

Start Qty: 1.00 Required Qty: 1.00

Component Item ID/  
Item Name }  
D4048-041 }



Mounting Lug Assembly, LH  
D4048-5



Mounting Lug  
D4048-7



Mounting Lug  
D4048-9



Bushing  
D4049-041



Mounting Lug Assembly, LH  
D4049-5



Mounting Lug, LH  
D4050-1



Strut

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin No	Primary Item Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D4048-041		Manufactured				130	Each	0.0000	1.0000		58065	C
Mounting Lug Assembly, LH D4048-5		Manufactured	No			130	Each	0.0000	1.0000		58067	C
Mounting Lug D4048-7		Manufactured	No			130	Each	0.0000	1.0000		58069	C
Mounting Lug D4048-9		Manufactured	No			130	Each	0.0000	1.0000		55972	8X
Bushing D4049-041		Manufactured	No			130	Each	0.0000	1.0000		58072	8X
Mounting Lug Assembly, LH D4049-5		Manufactured	No			130	Each	0.0000	1.0000		58081	C
Mounting Lug, LH D4050-1		Manufactured	No			130	Each	3.0000	1.0000			C
Strut												

Warehouse  
Location

Main Warehouse

ST254	3
56409	1
56450	2

56450

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

# Picklist Print

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Work Order ID: 58410



Parent Item: D205-541-141



Parent Item Name: Heli-Utility-Basket, LH

Start Date: 4/23/10

Required Date: 4/30/10

Comments: IPP RevA: new issue DD 10.02.11 Verified by:JEM  
per ecn10-550 DD verified by:EC

IPP Rev:B as

Required Date, etc.

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Manufactured	Primary Item No	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D4050-3						130	Each	3.0000	1.0000			

Strut

## Warehouse

### Location

Main Warehouse

ST254  
56451  
46451

### Loc Qty

### Loc Code

56451  
56451

3  
3

Strut

D4050-5

Manufactured

No

130

Each

0.0000

1.0000



58083

Strut

D4052-1

Manufactured

No

130

Each

10.0000

2.0000



Eye Bolt

## Warehouse

### Location

Main Warehouse

ST110  
56622

### Loc Qty

### Loc Code

56619  
24

10

10

1,013.000

10.0000



AN3-5A

Bolt

Purchased

No

130

Each

1,013.000

10.0000



Strut

## Warehouse

### Location

Main Warehouse

ST350  
105057

### Loc Qty

### Loc Code

1013  
M105057

1013

1013



W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

## Picklist Print

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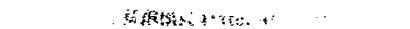
Work Order ID: 58110



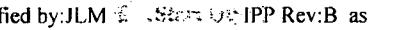
Parent Item: D205-541-14



Parent Item Name: Heli-Utility-Basket, LH



Comments: IPP Rev:A new issue DD 10.02.11 verified by:JLM Start Qty: IPP Rev:B as per ecn10-550 DD verified by:EC



Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN3-7A		Purchased	No			130	Each	72.0000	1.0000			



Bolt

### Warehouse

#### Location

Main Warehouse

ST351 72

113539 22

114227 50

130 Each 155.0000 4.0000

m113539

AN3-11A



Bolt

Purchased

No

### Warehouse

#### Location

Main Warehouse

ST351 155

110865 155

130 Each 969.0000 5.0000

m110865

AN4-6A



Bolt

Purchased

No

### Warehouse

#### Location

Main Warehouse

ST356 969

112829 69

112933 300

113149 600

m112829

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

# Picklist Print

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Work Order ID: 58110



Parent Item: D205-541-1A



Parent Item Name: Heli-Utility-Basket, LH

Comments: IPP Rev:A new issue DD 10.02.11 verified by:JLM IPP Rev:B as per ecn10-550 DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch Purchased	Bin Item No	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN4-7A						130	Each	233.0000	1.0000			

Bolt



AN4-12A



Bolt

Purchased

Warehouse  
Location

Main Warehouse

ST356

Loc Qty

233

Loc Code

113226

*m113226*

130

Each

247.0000

2.0000



AN4-14A



Bolt

Purchased

Warehouse  
Location

Main Warehouse

ST357

Loc Qty

247

Loc Code

112314

*m112314*

130

Each

113.0000

11.0000



AN4-14A



Bolt

Purchased

Warehouse  
Location

Main Warehouse

ST358

Loc Qty

113

Loc Code

113359

*m113359*

113

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action      Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

# Picklist Print

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Work Order ID: 58110



Parent Item: D205-541-141

Parent Item Name: Heli-Utility-Basket;JHM

Comments: IPP RevA: new issue DD 10.02.11 verified by:JLM  
per ecn10-550 DD verified by:EC

Start Date: 4/23/10

Required Date: 4/30/10

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN4-16A		Purchased	No			130	Each	95.0000	1.0000			

Bolt

AN960-10



Washer

Purchased

No

## Warehouse

### Location

#### Main Warehouse

ST358	95
114129	45
114330	50

### Loc Qty

### Loc Code

m114129



AN960-416 NAS11494463P



Washer

Purchased

No

## Warehouse

### Location

#### Main Warehouse

ST348	8022
19356	200
5519	7822

### Loc Qty

### Loc Code

SS15



m114223



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Shop Packet Print

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

# Picklist Print

April 26, 2010 1:19:52 PM

Page 8

Work Order ID: 58110



Parent Item: D205-541-141

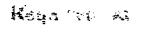


Parent Item Name: Heli-Utility-Basket, LH



Comments: IPP RevA: new issue DD 10.02.11 Verified by:JLM  
per ecn10-550 DD verified by:EC

IPP Rev:B as



Start Date: 4/23/10

Required Date: 4/30/10

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch Purchased	Bin Item No	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN960JD10L Washer						130	Each	4,415.000	20.0000			

## Warehouse

### Location

#### Main Warehouse

ST348 4415

110985 4415

130 Each

0.0000 36.0000

m110985

m113706

## Warehouse

### Location

#### Main Warehouse

ST346 483

110153 483

130 Each

483.0000 4.0000

m110153

AN960JD416 NA67149D04630 Purchased

Washer

AN960JD416L

Washer

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action . Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

# Picklist Print

April 26, 2010 1:20:12 PM

Page 9

Work Order ID: 58110



Parent Item: D2054541-141



Parent Item Name: Heli-Utility-Basket, LH

Comments: NIPP RevA: new issue DD 10.02.11 verified by:JLM IPP Rev:B as per ecn10-550 DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin No	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
MS21042L3		Purchased				130	Each	992.0000	13.0000			



Nut

## Warehouse

### Location

#### Main Warehouse

ST300	992
113537	46
113644	946

MS21042L4



Purchased

No

1,302.0000 20.0000



(M113644)

PC10427 (C)

Nut

## Warehouse

### Location

#### Main Warehouse

ST139	2
111827	2

\_\_\_\_\_

\_\_\_\_\_

#### Main Warehouse

ST300	800
113422	112
114108	680
9063	8

(M114108)

\_\_\_\_\_

\_\_\_\_\_

#### Main Warehouse

ST463	500
114416	500

\_\_\_\_\_

\_\_\_\_\_

April 26, 2010 1:20:12 PM

Shop Packet Print

Page 9

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action      Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

## Picklist Print

April 26, 2010 1:20:12 PM

Page 10

Work Order ID: 58110



Parent Item: D205-541-141



Parent Item Name: Heli-Utility-Basket, LH

Start Date: 4/23/10

Required Date: 4/30/10

Comments: IPP RevA: new issue DD 10.02.11 verified by:JLM  
per ecn10-550 DD verified by:EC

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin	Primary Item	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
MS21043-4 Nut		Purchased		No		130	Each	1,071.000	2.0000			

### Warehouse

#### Location

#### OFFSHORE

FG 40

104603 40

#### Main Warehouse

ST301 1031

112492 58

113064 33

113069 40

114181 400

114348 500

4/18/2010

1113064

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action      Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

## 25.8 D205-541-043/-044/-045/-046/-141/-142 HELI-UTILITY-BASKET™ PARTS LIST

Qty -043	Qty -044	Qty -045	Qty -046	Qty -141	Qty -142	Part Number	Description
X						D205-541-043	HELI-UTILITY-BASKET, LH
	X					D205-541-044	HELI-UTILITY-BASKET, RH
		X				D205-541-045	HELI-UTILITY-BASKET, LH
			X			D205-541-046	HELI-UTILITY-BASKET, RH
				X		D205-541-141	HELI-UTILITY-BASKET, LH
					X	D205-541-142	HELI-UTILITY-BASKET, RH
						DSI 9302-011	STRUT MODIFICATION KIT (FOR D205-633 STEP INSTALLATION)
2*	2*					D2022-101	SPACER
				2	2	D2022-101	SPACER (FOR D205-633 STEP INSTALLATION)
1	1	1	1			D2199-1	STRUT
1	1	1	1			D2199-23	STRUT
1	1	1	1			D2199-25	STRUT
1*	1*	1*	1*			D2258-300	LABEL
1*	1*	1*	1*			D2332-041	PROP ASSEMBLY
				1	1	D2332-041	PROP ASSEMBLY (OPTIONAL)
				1	1	D2464-0410	NEOPRENE SEAL
1	1	1	1			D2498	MOUNTING LUG
1	1	1	1			D2499	MOUNTING LUG
1*	1*					D2512	BASKET LID ASSEMBLY
2	2	2	2			D2515	BUSHING
1*	1*	1*	1*			D2530	HANDLE ASSEMBLY
2*	2*	2*	2*			D2535	SPRING
2*	2*	2*	2*			D2537	BUSHING
2*	2*					D2931	BUMPER
1	1	1	1			D3052-1	MOUNTING LUG
1*						D3053-041	BASKET BASE ASSEMBLY, LH
	1*					D3053-042	BASKET BASE ASSEMBLY, RH
		1*				D3712-041	BASKET BASE
		1*				D3712-042	BASKET BASE
		1*				D3713-041	LID ASSEMBLY
		1*				D3713-042	LID ASSEMBLY
		6*	6*			D3723-1	BUSHING
				2	2	D3953-9	GAS SPRING SPACER (OPTIONAL)
				(1)	(1)	D4041-011	SHORT BASKET ASS'Y, LH
					(1)	D4041-012	SHORT BASKET ASS'Y, RH
				1		D4048-041	MOUNTING LUG ASS'Y
					1	D4048-042	MOUNTING LUG ASS'Y
				1		D4048-5	MOUNTING LUG
					1	D4048-6	MOUNTING LUG
				1		D4048-7	MOUNTING LUG
					1	D4048-8	MOUNTING LUG
				6	6	D4048-9	BUSHING
					1	D4049-041	MOUNTING LUG ASS'Y
					1	D4049-042	MOUNTING LUG ASS'Y

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Revision:

D4049-1 = 2  
 D4049-3 = 2  
 D4049-2 = 2  
 D4049-4 = 2

D4048-1 = 6  
 D4048-3 = 2  
 D4048-4 = 2

25-00-00

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

#### 4.0 WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D205-541-043 <i>Heli-Utility-Basket™</i>	118 lb 53.6 kg	- 63.13 in - 1.60 m	- 7449 in-lb - 85.8 m-kg	132.25 in 3.36 m	15606 in-lb 180.1 m-kg
D205-541-044 <i>Heli-Utility-Basket™</i>	118 lb 53.6 kg	+ 63.13 in + 1.60 m	+ 7449 in-lb + 85.8 m-kg	132.25 in 3.36 m	15606 in-lb 180.1 m-kg
D205-541-045 <i>Heli-Utility-Basket™</i>	104 lb 47.3 kg	- 63.13 in - 1.60 m	- 6566 in-lb - 75.7 m-kg	132.25 in 3.36 m	13754 in-lb 158.9 m-kg
D205-541-046 <i>Heli-Utility-Basket™</i>	104 lb 47.3 kg	+ 63.13 in + 1.60 m	+ 6566 in-lb + 75.7 m-kg	132.25 in 3.36 m	13754 in-lb 158.9 m-kg
D205-541-047 <i>Heli-Access-Step™</i>	14 lb 6.4 kg	- 76.11 in - 1.93 m	- 1066 in-lb - 12.4 m-kg	126.56 in 3.21 m	+ 1772 in-lb + 20.5 m-kg
D205-541-048 <i>Heli-Access-Step™</i>	14 lb 6.4 kg	+ 76.11 in + 1.93 m	+ 1066 in-lb + 12.4 m-kg	126.56 in 3.21 m	+ 1772 in-lb + 20.5 m-kg
D205-541-141 <i>Heli-Utility-Basket™</i>	69 lb 31.4 kg	- 59.9 in - 1.5 m	- 4133 in-lb - 47.1 m-kg	161.6 in 4.1 m	+ 11150 in-lb + 128.7 m-kg
D205-541-142 <i>Heli-Utility-Basket™</i>	69 lb 31.4 kg	+ 59.9 in + 1.5 m	+ 4133 in-lb + 47.1 m-kg	161.6 in 4.1 m	+ 11150 in-lb + 128.7 m-kg

#### 5.0 PARTS LIST HELI-UTILITY-BASKET™

Qty -043	Qty -045	Qty -046	Qty -141	Qty -142	Part Number	Description
X					D205-541-043	HELI-UTILITY-BASKET, LH
					D205-541-044	HELI-UTILITY-BASKET, RH
	X				D205-541-045	HELI-UTILITY-BASKET, LH
		X			D205-541-046	HELI-UTILITY-BASKET, RH
			X		D205-541-141	HELI-UTILITY-BASKET, LH
				X	D205-541-142	HELI-UTILITY-BASKET, RH
				1	DSI 9302-011	STRUT MODIFICATION KIT (FOR D205-633 STEP INSTALLATION)
2*					D2022-101	SPACER
				2	D2022-101	SPACER (FOR D205-633 STEP INSTALLATION)
1		1	1		D2199-1	STRUT
1		1	1		D2199-23	STRUT
1		1	1		D2199-25	STRUT
1		1*	1*		D2258-300	LABEL
1		1*	1*		D2332-041	PROP ASSEMBLY
1		1	1	1	D2332-041	PROP ASSEMBLY (OPTIONAL)
1		1	1	1	D2464-0410	NEOPRENE SEAL
1		1	1	1	D2498	MOUNTING LUG
1		1	1	1	D2499	MOUNTING LUG
1*		1			D2512	BASKET LID ASSEMBLY

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Revision: J  
Date: 10.03.08

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Qty -043	Qty -044	Qty -045	Qty -046	Qty -141	Qty -142	Part Number	Description
				1		D4049-5	MOUNTING LUG
					1	D4049-8	MOUNTING LUG
				1	1	D4050-1	STRUT
				1	1	D4050-3	STRUT
				1		D4050-5	STRUT
					1	D4050-8	STRUT
				(1)		D4051-041	GUARD (OPTIONAL)
					(1)	D4051-042	GUARD (OPTIONAL)
				2	2	D4052-1	EYE BOLT
					10	10	AN3-5A
					1	1	AN3-7A
					4	4	AN3-11A
2*	2*	2*	2*			AN3-16A	BOLT
					5	5	AN4-6A
2*	2*					AN4-7A	BOLT
2	2	2	2	1	1	AN4-7A	BOLT
3	3	3	3	2	2	AN4-12A	BOLT
9	9	9	9			AN4-13A	BOLT
2	2	2	2	11	11	AN4-14A	BOLT
				1	1	AN4-16A	BOLT
		3*	3*			AN4-20A	BOLT
1*	1*	1*	1*			AN4-22A	BOLT
1*	1*	1*	1*			AN4-24A	BOLT
1	1	1	1			AN5-7A	BOLT
1	1	1	1			AN5-13A	BOLT
4*	4*	4*	4*			AN5-17A	BOLT
				5	5	AN960-10	WASHER (OR NAS1149F0363P) (OPTIONAL)
				20	20	AN960JD10L	WASHER (OR NAS1149D0332J)
2*	2*	6*	6*			AN960JD416	WASHER (OR NAS1149D0463J)
				2	2	AN960-416	WASHER (OR NAS1149F0463P) (OPTIONAL)
27	27	27	27	36	36	AN960JD416	WASHER (OR NAS1149D0463J)
2*	2*	2*	2*	4	4	AN960JD416L	WASHER (OR NAS1149D0416J)
4*	4*	4*	4*			AN960JD516	WASHER (OR NAS1149D0563J)
3	3	3	3			AN960JD516	WASHER (OR NAS1149D0563J)
2	2					AN960JD8	WASHER (OR NAS1149DN832J)
4*	4*	4*	4*			AN970-4	WASHER
2*	2*					MS20600AD4W3	RIVET
2*	2*	2*	2*	8	8	MS21042L3	NUT (OR MS21042-3)
				5	5	MS21042L3	NUT (OR MS21042-3) (OPTIONAL)
4*	4*	5*	5*			MS21042L4	NUT (OR MS21042-4)
16	16	16	16	20	20	MS21042L4	NUT (OR MS21042-4)
				2	2	MS21043L4	NUT (OR MS21043-4)
4*	4*	4*	4*			MS21042L5	NUT (OR MS21042-5)
2	2	2	2			MS21042L5	NUT (OR MS21042-5)

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25-00-00

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

REFEREN

Qty -043	Qty -044	Qty -045	Qty -046	Qty -141	Qty -142	Part Number	Description
2	2	2	2			D2515	BUSHING
1*	1*	1*	1*			D2530	HANDLE ASSEMBLY
2*	2*	2*	2*			D2535	SPRING
2*	2*	2*	2*			D2537	BUSHING
2*	2*					D2931	BUMPER
1	1	1	1			D3052-1	MOUNTING LUG
1*						D3053-041	BASKET BASE ASSEMBLY, LH
						D3053-042	BASKET BASE ASSEMBLY, RH
		1*				D3712-041	BASKET BASE
			1*			D3712-042	BASKET BASE
			1*			D3713-041	LID ASSEMBLY
			1*			D3713-042	LID ASSEMBLY
		6*	6*			D3723-11	BUSHING
				2	2	D3953-9*	GAS SPRING SPACER (OPTIONAL)
				1		D4041-011	SHORT BASKET ASS'Y, LH
					1	D4041-012	SHORT BASKET ASS'Y, RH
				1		D4048-041	MOUNTING LUG ASS'Y
					1	D4048-042	MOUNTING LUG ASS'Y
				1		D4048-5	MOUNTING LUG
					1	D4048-6	MOUNTING LUG
				1		D4048-7	MOUNTING LUG
					1	D4048-8	MOUNTING LUG
				6	6	D4048-9	BUSHING
					1	D4049-041	MOUNTING LUG ASS'Y
					1	D4049-042	MOUNTING LUG ASS'Y
				1		D4049-51	MOUNTING LUG
					1	D4049-8	MOUNTING LUG
				1	1	D4050-1	STRUT
				1	1	D4050-3	STRUT
				1		D4050-5	STRUT
					1	D4050-8	STRUT
				1		D4051-041	GUARD (OPTIONAL)
					1	D4051-042	GUARD (OPTIONAL)
				2	2	D4062-1	EYE BOLT
					10	10	AN3-5A
					1	1	AN3-7A
					4	4	AN3-11A
2*	2*	2*	2*			AN3-16A	BOLT
					5	5	AN4-3A
2*	2*					AN4-7A	EOLT
2	2	2	2	1	1	AN4-7A	BOLT
3	3	3	3	2	2	AN4-12A	BOLT
9	9	9	9			AN4-13A	BOLT
2	2	2	2	11	11	AN4-14A	BOLT
				1	1	AN4-16A	BOLT
		3*	3*			AN4-20A	BOLT

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Qty -043	Qty -044	Qty -045	Qty -046	Qty -141	Qty -142	Part Number	Description
1*	1*	1*	1*			AN4-22A	BOLT
1*	1*	1*	1*			AN4-24A	BOLT
1	1	1	1			AN5-7A	BOLT
1		1	1			AN5-13A	BOLT
4*	4*	4*	4*			AN5-17A	BOLT
				5	5	AN960-10	WASHER (OR NAS1149F0363P) (OPTIONAL)
				20	20	AN960JD10L	WASHER (OR NAS1149D0332J)
2*	2*	3*	6*			AN960JD416	WASHER (OR NAS1149D0463J)
				2	2	AN960-416	WASHER (OR NAS1149F0463P) (OPTIONAL)
27	27	27	27	36	36	AN960JD416	WASHER (OR NAS1149D0463J)
2*	2*	2*	2*	4	4	AN960JD416L	WASHER (OR NAS1149D0416J)
5*	4*	4*	4*			AN960JD516	WASHER (OR NAS1149D0563J)
3	3	3	3			AN960JD516	WASHER (OR NAS1149D0563J)
2	2					AN960JD8	WASHER (OR NAS1149DN832J)
4*	4*	4*	4*			AN970-4	WASHER
12*	12*	2*	2*	8	8	MS20600AD4W3	RIVET
				5	5	MS21042L3	NUT (OR MS21042-3)
						MS21042L3	NUT (OR MS21042-3) (OPTIONAL)
4*	4*	5*	5*			MS21042L4	NUT (OR MS21042-4)
16	16	13	16	20	20	MS21042L4	NUT (OR MS21042-4)
				2	2	MS21043L4	NUT (OR MS21043-4)
4*	4*	4*	4*			MS21042L5	NUT (OR MS21042-5)
2	2	2	2			MS21042L5	NUT (OR MS21042-5)

\* = ASSEMBLED AT DART

## 6.0 PARTS LIST HELI-ACCESS-STEP™

Qty -047	Qty -048	Part Number	Description
X		D205-541-047	HELI-ACCESS-STEP, LH
X		D205-541-048	HELI-ACCESS-STEP, RH
		D3724-041	STEP ASSY, LH
	1	D3724-042	STEP ASSY, RH
	2	D3731-1	PLATE
	2	D3751-1	SHIM
	6	AN4-13A	BOLT
	6	AN4-14A	BOLT
	24	AN960JD416	WASHER
	12	MS21042L4	NUT (OR MS21042-4)

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Revision: J  
 Date: 10.03.08

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

# Picklist Print

February 23, 2010 7:29:12 AM

Page 15

Work Order ID: 56405



Parent Item: D205-541-14



Parent Item Name: Heli-Utility-Basket, LH

Comments: IPP RevA: new issue DD 10.02.11 verified by:JLM

Start Date: 2/23/10

Required Date: 2/23/10

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D4050-3 		Manufactured	No			130	Each	1.0000	1.0000		56405	Ready



56405

Ready

## Warehouse

### Location

Main Warehouse

ST

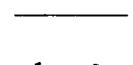
56021

## Loc Qty

## Loc Code

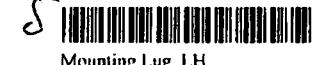
1

1



10-2-23 50

D4049-5



Mounting Lug, LH

Manufactured

No

## Warehouse

### Location

Main Warehouse

ST

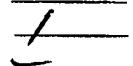
55597

## Loc Qty

## Loc Code

1

1



B 56 383

Ready

D4051-041



Rappel Deflector Assembly, LH

Manufactured

No

## Warehouse

### Location

Main Warehouse

WA

55995

## Loc Qty

## Loc Code

3

3



10-2-23 50

D4051-5



Mounting Plate

February 23, 2010 7:29:12 AM

Shop Packet Print

Page 15

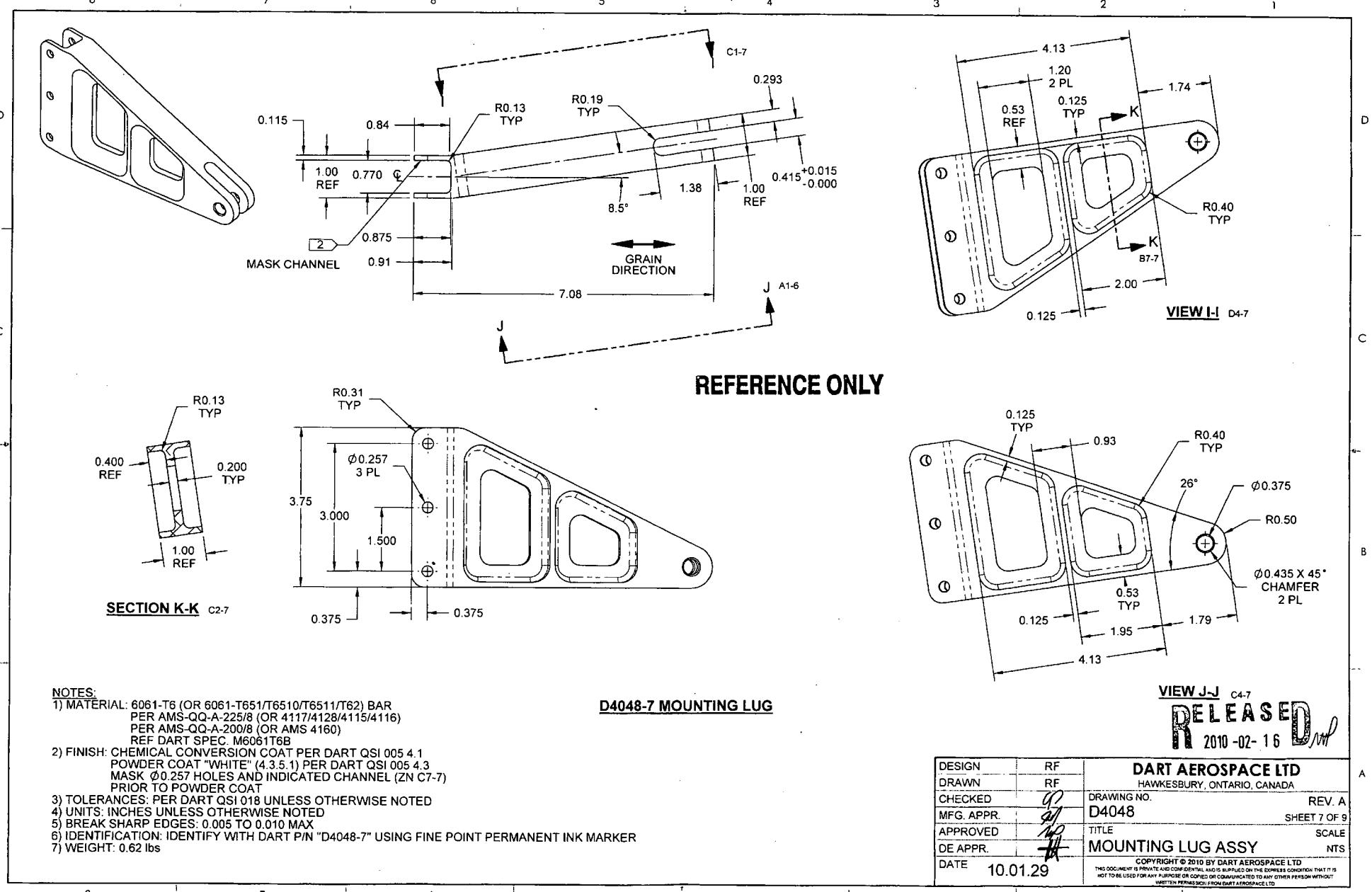
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			
4048-5	4048-5							

NOTE: Date & initial all entries



**NOTES:**

- 1) MATERIÅL: 6061-T6 (OR 6061-T651/T6510/T6511/T62) BAR  
PER AMS-QQ-A-225/8 (OR 4117/4128/4115/4116)  
PER AMS-QQ-A-200/8 (OR AMS 4160)  
REF DART SPEC. M6061T6B D4048

2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1  
POWDER COAT "WHITE" (4.3.6.1) PER DART QSI 005 4.3  
MASK Ø.0257 HOLES AND INDICATED CHANNEL (ZN C7-7)  
PRIOR TO POWDER COAT

3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED

4) UNITS: INCHES UNLESS OTHERWISE NOTED

5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX

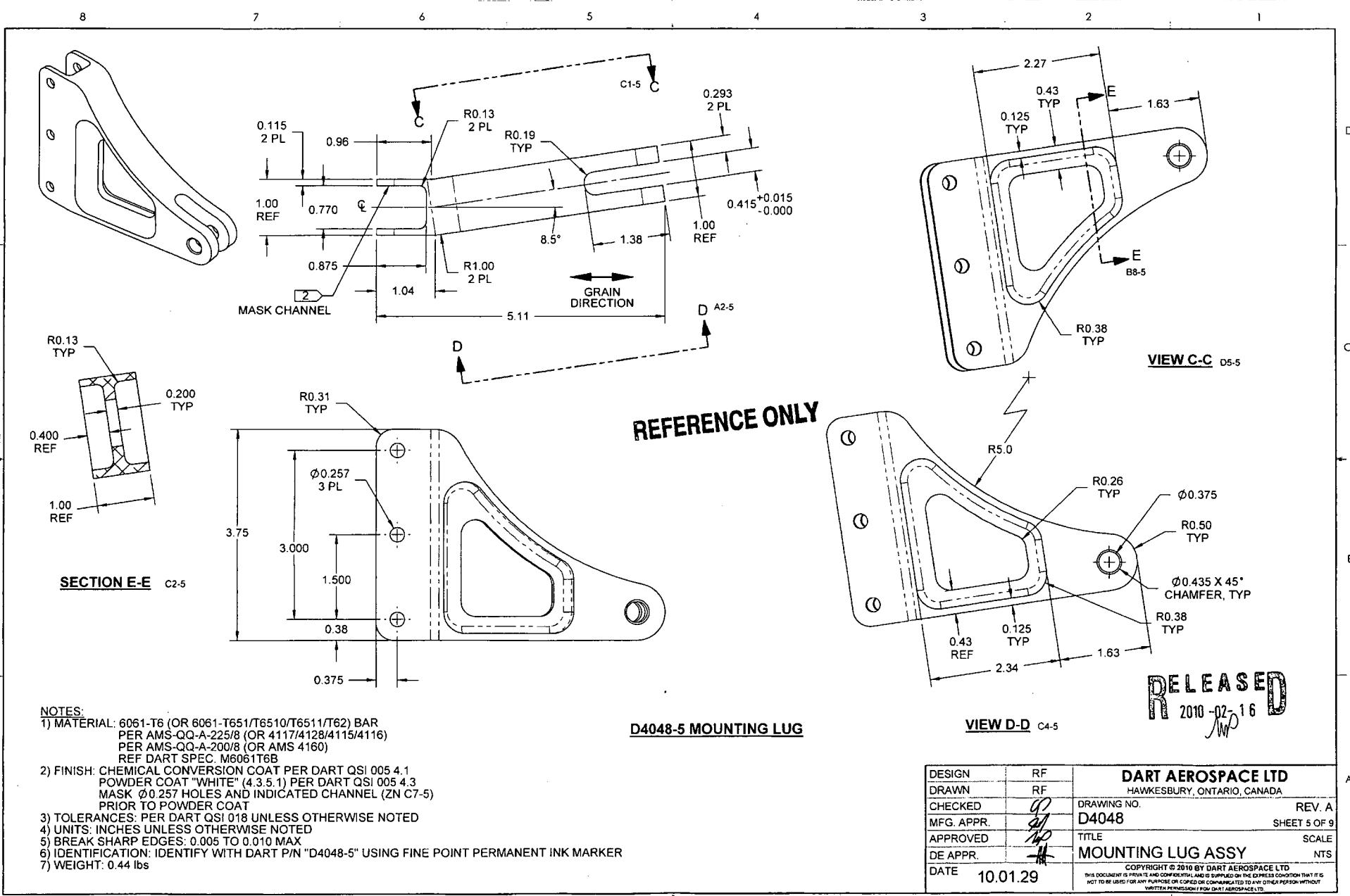
6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4048-7" USING FINE POINT PERMANENT INK MARKER

7) WEIGHT: 0.62 lbs

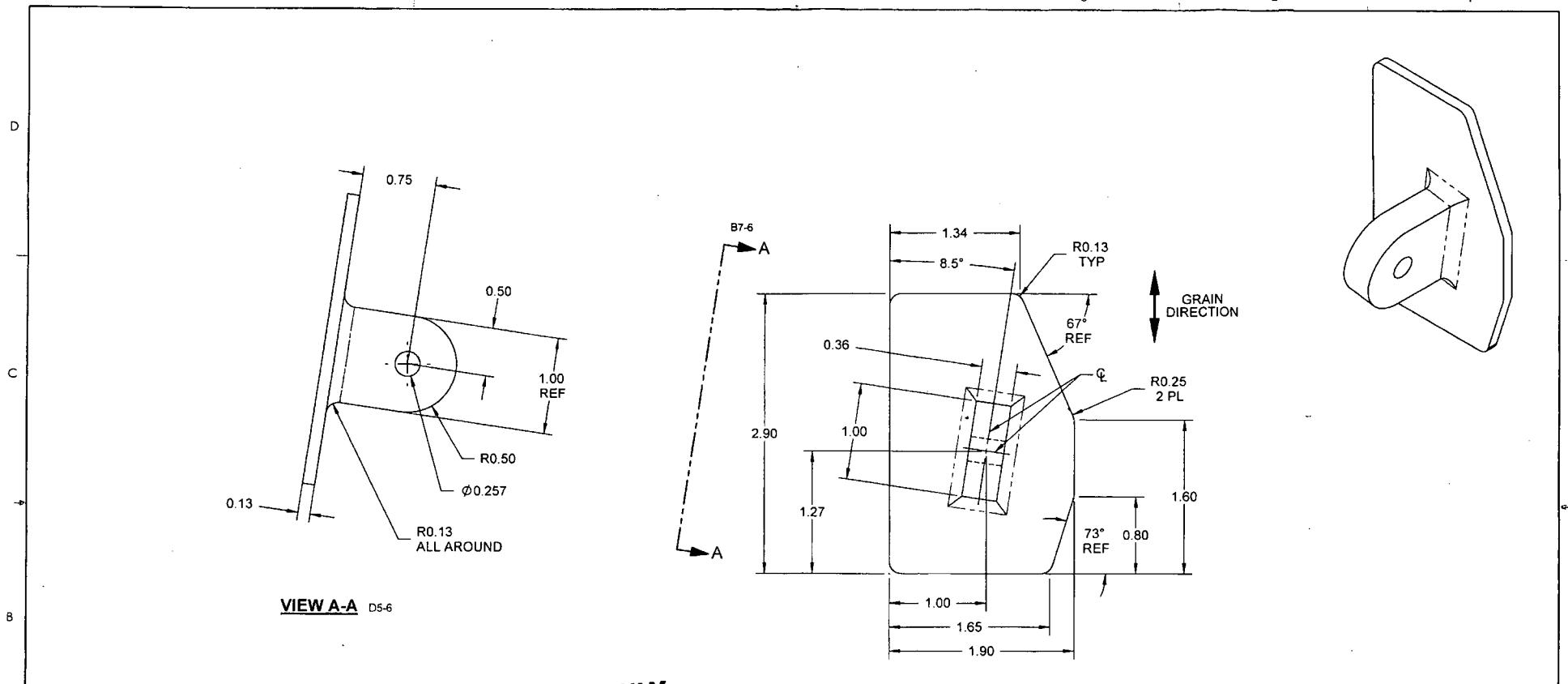
## **D4048-7 MOUNTING LUG**

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
DRAWN	RF			
CHECKED	99	DRAWING NO.	REV. A	
MFG. APPR.	91	D4048	SHEET 7 OF 9	
APPROVED	100	TITLE	SCALE	
DE APPR.	<del>100</del>	MOUNTING LUG ASSY		
DATE	10.01.29	NTS		

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8 7 6 5 4 3 2 1

**REFERENCE ONLY****D4049-5 MOUNTING LUG, LH****RELEASED**  
2010-04-15  
*M***NOTES:**

- 1) MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR  
AMS-QQ-A-225/8 OR AMS-QQ-A-200/8 OR ASTM B211 OR B221  
PER DART SPEC M6061T6B
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1  
POWDER COAT "WHITE" (4.3.5.1) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4049-5" USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 0.10 lbs

8 7 6 5 4 3 2 1

DESIGN	RF	<b>DART AEROSPACE LTD</b>
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA
CHECKED	<i>[Signature]</i>	DRAWING NO.
MFG. APPR.	<i>[Signature]</i>	REV. B
APPROVED	<i>[Signature]</i>	D4049
DE APPR.	<i>[Signature]</i>	SHEET 6 OF 7
DATE	10.03.19	TITLE
		SCALE
		NTS
		<b>MOUNTING LUG ASSY</b>

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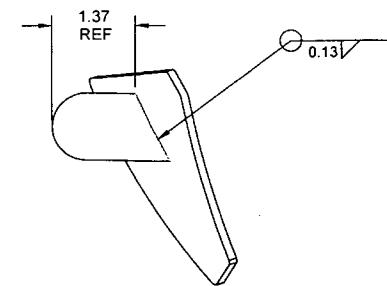
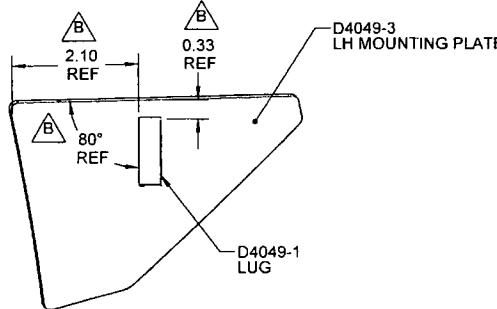
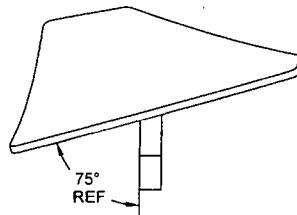
D

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8 D4049-041 MOUNTING LUG ASSY, LH

RELEASED  
2010-04-14  
JW

**REFERENCE ONLY**

**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT "WHITE" (4.3.5.2) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4049-041" USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 0.64 lbs
- 8) WELD PER DART QSI 004 USING WELDING JIG DT9584

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DESIGN	RF	DART AEROSPACE LTD
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA
CHECKED		REV. B
MFG. APPR.		D4049
APPROVED		SHEET 2 OF 7
DE APPR.		TITLE
DATE	10.03.19	SCALE
		NTS

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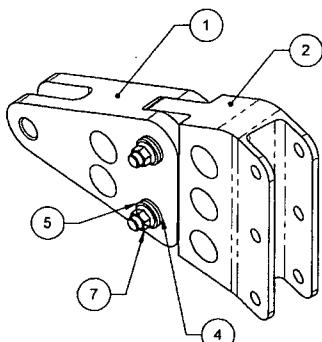
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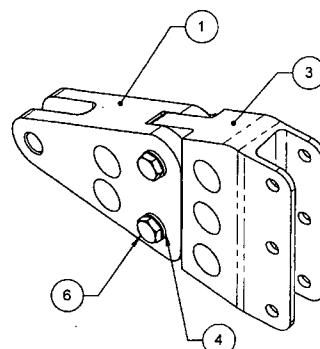
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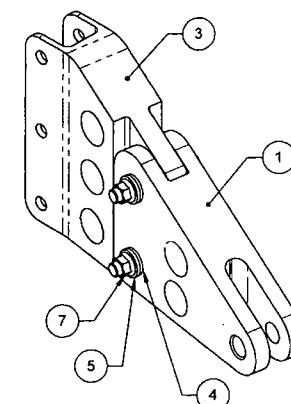
D4048-041 MOUNTING LUG ASSY (SHOWN)

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4048-041/-042" USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: D4048-041/-042: 1.16 lbs
- 8) TORQUE AN4 BOLTS TO 50-70 in-lbs (5.6-7.9 Nm)



D4048-042 MOUNTING LUG ASSY (SHOWN)



ITEM	QTY -041	QTY -042	P/N	Description
	X		D4048-041	MOUNTING LUG ASSY
		X	D4048-042	MOUNTING LUG ASSY
1	1	1	D4048-1	MOUNTING LUG
2	1		D4048-3	MOUNTING LUG
3		1	D4048-4	MOUNTING LUG
4	4	4	D4048-9	BUSHING
5	2	2	AN960JD416	WASHER
6	2	2	AN4-14A	BOLT
7	2	2	MS21042L4	NUT

REFERENCE ONLY

RELEASED  
R 2010-02-16  
M

A	NEW ISSUE	RF	10.01.29
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	Y	DRAWING NO.	REV. A
MFG. APPR.	Y	D4048	SHEET 1 OF 9
APPROVED	Y	TITLE	SCALE
DE APPR.	Y	MOUNTING LUG ASSY	NTS
DATE	10.01.29		

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